

DOLEZHLOVA, L. [Dolezilova, L.]; MALEK, I.; VANEK, Z.

Origin of some antibiotic substances under natural conditions.
Mikrobiologija 30 no. 21243-248 Mr-Ap '61. (MIRA 14:6)

1. Institut biologii Chekhoslovatskoy Akademii nauk.
(ACTINOMYCES) (SOIL MICRO-ORGANISMS)
(ANTIBIOTICS)

MALEK, Ivan, akademik

Further perspectives for industrial workers' care. Pracovni lek. 13
no.2:53-55 Mr '61.

(INDUSTRIAL MEDICINE)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, Ivan

Professor Jan Kabelik, Folia microbiol 6 no.5:285-288 '61.

1. Chief editor of the periodical Folia Microbiologica, Prague.

(KABELIK, JAN) (MICROBIOLOGY)

MALEK, I.; FENCL, Z.

Continuous cultivation of microorganisms. *Folia microbiol* 6 no.3:
192-209 '61.
(EEAI 10:8)

1. Department of Microbiology, Institute of Biology, Czechoslovak
Academy of Sciences, Prague 6.
(MICROORGANISMS)

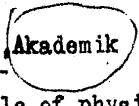
FENCL, Z.; SILINGER, V.; NUSL, J.; MALEK, I.

Theory of semicontinuous cultivation applied to the yeast
Torula utilis. *Volia microbiol* 6 no.2:94-103 '61. (KEAI 10:5)

1. Department of Microbiology, Institute of Biology, Czechoslovak
Academy of Sciences and The Technical University, Prague 6.
(YEAST) (TORULA UTILIS)

MALEK, Ivan, akademik

Sixtieth anniversary of Pierre Biquard. Mir nauki 5 no.4:20-21
'61. (MIRA 15:2)
(Biquard, Pierre, 1901-)

MALEK, Ivan 

Role of physicians from our health services in the completion of
the cultural revolution. Cas. lek. cesk. 99 no.6:161-167 5 F '60.
(PHYSICIANS)

MALEK, Ivan, akademik

Professor Vlastimil Vrtis' sixtieth birthday. Cs morfologie 8 no.2:
87-88 '60. (EEAI 9:8)

(VRTIS, VLASTIMIL)
(CZECHOSLOVAKIA--MICROBIOLOGY)

MALEK, I.; HOSPODKA, J.

Continuous cultivation of microorganisms. Folia microbiol 5 no.2:
120-139 Mr '60. (EEAI 9:7)

1. Department of Microbiology, Institute of Biology, Czechoslovak
Academy of Sciences, Prague.
(MICROORGANISMS)

MALEK, Ivan, akademik

Tasks of biological sciences resulting from the 11th Congress of the
Czechoslovak Communist Party. Vestnik CSAV 68 no.5:589-605 '59.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I., akademik

Planning in science. Mir nauki no.6:2-13 '59. (MIRA 13:3)

1. Biologicheskiy institut AN Chekhoslovakii.
(Research)

MALEK, Ivan, akademik

Civic duties of scientists. Mir nauki no.5:35-37 '59.
(MIRA 12:9)

1. Direktor Instituta biochimii AN Chechoslovakii.
(Scientists)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I.: HRUZA, Z

"Prizes and awards granted by the Czechoslovak Academy of Sciences for solving important scientific problems in 1957."

CESKOSLOVENSKA FYSIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 4, July 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Uncles

MALEK, I.

SCIENCE

CESKOSLOVENSKA MIKROBIOLOGIE. Vol 3, no. 1. 1958

MALEK, I. Some biological and biochemical properties of acid-fast and nonacid-fast strains of Mycobacterium tuberculosis p. 32

MONTHLY List of East European Accessions (EMAI) LC, Vol. 8, no. 3
March, 1959, Unclass

Malek, Ivan

CZECHOSLOVAKIA/General Division. General Questions. Philosophy. Methodology. A-1

Abs Jour: Ref. Zbir. Biologiia, No 4, 1958, 14095

Author : Malek Ivan

Inst : _____

Title : The Fundamental Tasks of Our Biology.

Orig Pub: Vest. CSAV, 1957, 66, No 1-2, 34-38.

Abstract: A report of Academician Malek on the biological section of the Czechoslovakian Academy of Sciences, noting the urgent necessity of a well thought out method and a correct methodology in conducting biological and physiological research, and of a healthy critical evaluation of mistakes which appear. A correct interpretation of the theses of Michurin's biology is necessary. The concrete tasks of the biological and medical laboratories of the section are outlined.

Card : 1/1

MALEK, I.

MALEK, I. [Malek J.], akademik

Results of medical research in Czechoslovakia in 1956. Vest. AMN
SSSR 12 no.6:72-78 '57. (MIRA 11:2)

1. Chekhoslovatskaya Akademiya nauk
(RESEARCH
med.)
(MEDICINE
research)

MALEK, I.

25-12-5/39

AUTHOR: Malek, I., Academician, Member of the Presidium of the CSR
Academy of Sciences.

TITLE: The Road, Opened by the October Revolution (Put', otkrytyy
oktyabrem)

PERIODICAL: Nauka i Zhizn', 1957, # 12, pp 3, (USSR)

ABSTRACT: In 1950, there were hardly any scientific institutes in the Czechoslovak Republic. Only through the aid extended by Soviet scientists it was possible to establish more than 200 CSR scientific research institutes which presently employ approximately 30,000 persons. The influence of Soviet scientists becomes apparent in all branches of science. Without the help of Soviet scientists it would not have been possible to make such great advances in the field of nuclear research. Science in the CSR was greatly influenced by the biological teachings of Michurin, physiological medicine by I. P. Pavlov and parasitology by E. N. Pavlovskiy.

There is 1 photograph

ASSOCIATION: Czechoslovak Academy of Sciences

AVAILABLE: Library of Congress
Card 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, Ivan, Akademik

Soviet public health and organization of socialistic system of
public health in Czechoslovakia. Cesk. zdravot. 5 no.11:642-645
Nov 57.

(PUBLIC HEALTH
in Czech., Soviet influences (Cz))

FALIK, I.

"Fortieth anniversary of the Great October Revolution." . 325

Institute of Biology, (Czechoslovak Academy of Sciences.) Vol. 2, no. 6, 1957

EAST
SO: Monthly Index of European Accessions (EAT) LC, Vol. 7 No. 5 May 1958

Malek, I.

2d All-Union Conference on Antibiotics in Moscow, May 31 to June 9, 1957.

P. 256, (Ceskoslovenska Mikrobiologie) Vol. 2, no.4, July 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

MALEK, I.

Assimilation of sugars and acids during the continuous fermentation of undiluted sulfite waste liquors.

P. 203, (Ceskoslovenska Mikrobiologie) Vol.2, no.4, July 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acquisitions (EEAI) Vol. 6, No. 11 November 1957

MALIK, I.; SEVCIK, V.; REHACEK, Z.; DOLEZLOVA, L.; MUSILEK, V.; VANEK, Z.;
NOVOTNY, L.

Experiences and methods in the search for new antibiotics. J. Hyg.
Epidem., Praha 1 no.4:397-412 1957.

1. Institute of Biology and Institute of Chemistry, Czechoslovak
Academy of Sciences, Prague.

(ANTIBIOTICS,

technic of search for new prep.)

MALEK, I.

MALEK, I., akademik.

Problems common to scientists. Mir nauki no.1:14-16 '57.
(MIRA 10:7)
1. Pochetnyy sekretar' VFNR, Chekhoslovakiya.
(Science)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, Ivan, Akademik

Tasks of the Czechoslovakian Academy of Sciences in protection and development of health of the population. Cas. lek. cesk. 95 no.38: 1033-1036 21 Sept 56.

(PUBLIC HEALTH,
in Czech., role of Czech. Acad. of Science (Cz))

MALEK, Ivan, akademik

Michurin's concepts and the task of our biological sciences.
Cas. lek. cesk. 95 no.21:553-559 25 May 56.

1. Vynatek z referatu predneseneho na diskusni schazi CSAV v
lednu 1956.

(BIOLOGY,

in Czech ., adaptation to Michurin's concepts. (Cz))

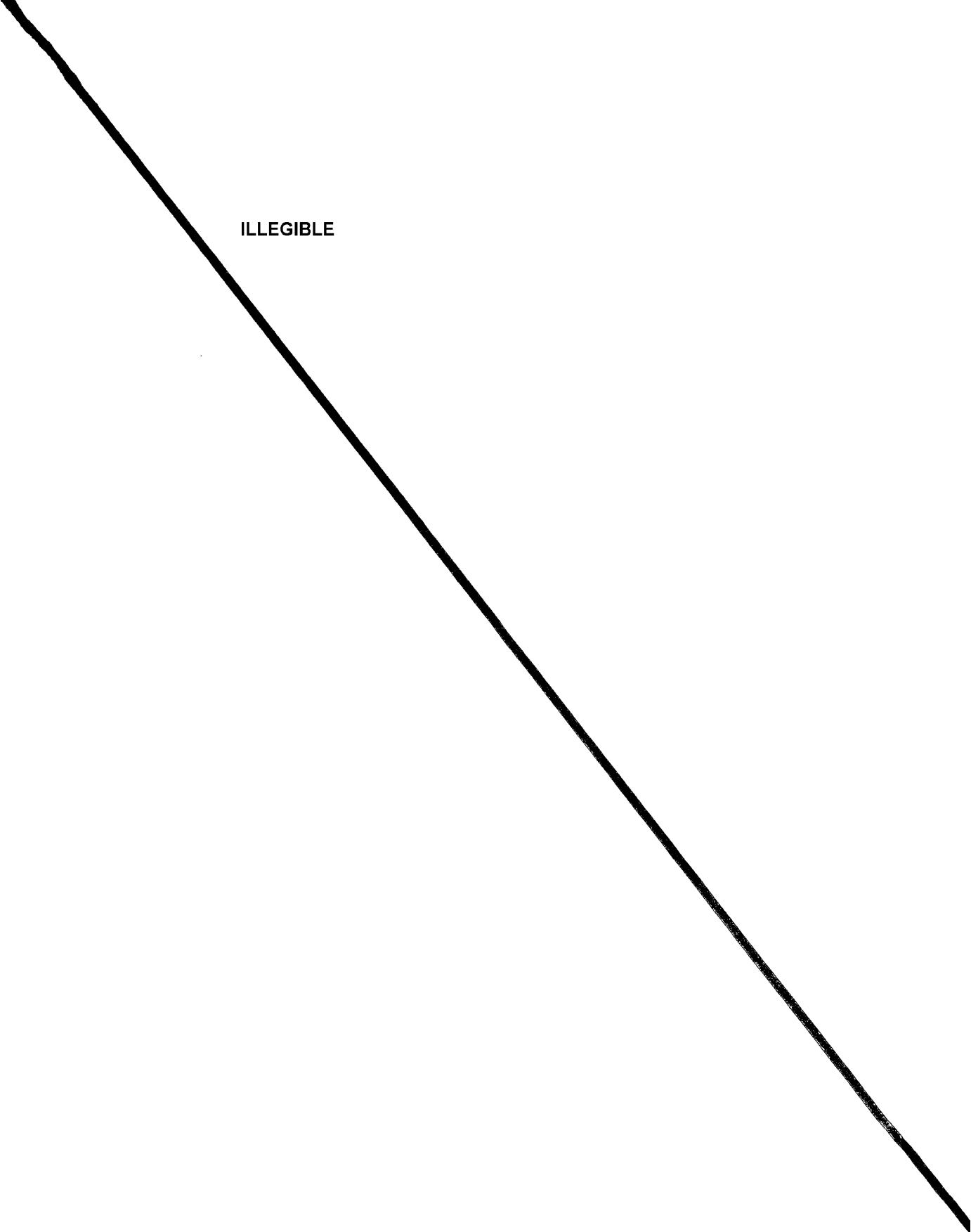
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, Ivan, akademik.

Microbiology in Czechoslovakia. Priroda 45 no.7:65-68 J1 '56.
(CZECHOSLOVAKIA--MICROBIOLOGY)
(MIRA 9:9)

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ILLEGIBLE



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I.

The importance and role of plant physiology for agricultural research. p. 321.
(CESKOSLOVENSKA BIOLOGIE, Vol. 5, No. 6, Nov 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Unclassified.

CZECHOSLOVAKIA/Microbiology - General Microbiology.

F-1

Abs Jour : Ref Zhur - Biol., No 12, 1958, 52681

Author : Malek, I.

Inst :

Title : Progress in Czech Microbiology.

Orig Pub : Ceskosl. Akad. ved. Rocn. 1, No 1--unor 1956.

Abstract : Features of both theoretical and practical studies by Czech scientists in microbiology are reported (problems of vitamin C biosynthesis, bacterial reproduction, microbial proteosynthesis, effect of antibiotics on metabolism of microorganisms, changes in soil microflora in relation to crop-rotation, and other problems). -- A. Heyman

Card 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I.A.

Microbiology in Czechoslovakia. Mikrobiologia 24 no.6:731-739
N-D '55 (MLRA 9:4)

(MICROBIOLOGY, history
in Czech)

MALEK, I., akademik.

The Michurin trend in Czechoslovak microbiology. Izv.AN SSSR Ser.biol.
no.5:142-144 S-0 '55.
(MLRA 9:2)

1.Akademiya nauk g. Praga, Chekhoslovenskaya.
(CZECHOSLOVAKIA--MICROBIOLOGY)

MALEK, I.

First defenses of candidates in biological sciences. p. 577

Vol. 4, no. 10 Nov. 1955
CESKOSLOVENSKA BIOLOGIE
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

MALEK, I.

Malek, I. Biology must give support to agriculture. p. 257. CUSKOSLOVENSKA BIOLOGIE. Praha. Vol. 4, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

MALEK, Ivan, Akademik

Present state and problems in the field of immunology. Cesk.
biol. 4 no.3:129-134 Mar 55.

1. K immunologicke konferenci v Liblicich v listopadu a prosinci
1954.
(IMMUNOLOGY.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, Ivan, Akademik

Present state and tasks of biology according to resolutions of
the Fourth Plenary Conference of the Czechoslovakian Academy of
Science. Cesk. biol. 4 no.2:65-71 Feb 55.

(BIOLOGY,
in Czech.)

MALEK, Jan, akademik

Present conditions and tasks of immunology in Czechoslovakia.
Fol.biol., Praha 1 no.4:247-253 30 Aug 55.

(IMMUNOLOGY,
in Czech., conf.)

MALEK, IVAN.

Boj noveho se starym v dnesni nasi vede; essay. (Vyd. 1.)
Praha, Nakl. Ceskoslovenske akademie ved, 1955. 170 p. (Prace Ceskoslovenske
akademie ved, sv. 7) (Struggle of the new against the old in our science; and
1st ed. index)

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3. March 1956

MALEK, IVAN.

O mnozeni a pestovani mikroorganismu, zvláste bakterií; kritická a pokusná studie. Praha, Československá akademie věd, 1955. 169 p.
(Propagation and cultivation of microorganisms, especially bacteria;
a critical and experimental study)

DA

Not in DLC

SOURCE: East European Acquisitions List, Vol. 5, no. 9, September 1956

MALEK, Ivan, akademik.

The Slovak Academy of Sciences is a further development of Czechoslovak science. Biul. VFNMR no.5-6:106-107 S-0 '54. (MLRA 7:9)

1. Pochetnyy sekretar' VFNMR.
(Slovak Academy of Sciences)

MALEK, Ivan, akademik v sotrudnichestve s L.Vosykovoy, pri tekhnicheskem
uchastii A.Volfa i D.Glavatoy.

Culture of nutritional yeasts in liquid medium. Chekh. biol. 3 no.5:
270-283 Nov 54.

1. Biologicheskiy institut ChSAN, mikrobiologiya, Praga.
(YEASTS, culture,
liquid medium)

MALEK, I., and others
Malek, I., and others.

Flow cultivation of yeast ferments. p. 261
(CESKOSLOVENSKA BIOLOGIE. Vol. 3, no. 5, Oct. 1954.)
(Fulfill the tasks in biological sciences in the spirit of the 10th
Congress of the Communist Party of Czechoslovakia. p. 257.)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, N. 9,
Sept. 1955, Unci.

MALEK, I., akademik

New demonstrations of inequality of cells in their division.
Czech. biol. 3 no.3:140-145 Aug 54.

1. Institut biologii ChSAN, mikrobiologiia, Praha
(CELL DIVISION,
bact., inequality of daughter cells)
(BACTERIA,
cell division, inequality of daughter cells)

BUDINOVA-SMELA, I., D-r; FEIFAR, Z., Dokt. med.; MALEK, P., dotsent d-r;
MALEK, Ivan, akademik

Discussion on physiology and practice. Chekh fiziol. 3 no.1:99-
104 1954.

1. Gosudarstvennyye lechebnyye i medikosanitarnyye uchrezhdeniya
v Prage-Krchi, nevrologicheskoye otdelenie (for Budinova-Smela)
2. Institut bolezney krovoobrashcheniya. (for Feifar) 3. Zavedyushchiy nauchnym issledovaniyem instituta eksperimental'noy
khirurgii (for Malek, P.) 4. Zavedyushchiy biologicheskim insti-
tutom Chsl. Akademii nauk, Praga. (for Malek, Ivan)

(PHYSIOLOGY,
in Czech.)

MALEK, I., akademik.

Tasks facing biological sciences as a result of pronouncements made
by the government. Chekh.biol. 3 no.1:1-7 F '54. (MLRA 7:b)
(Czechoslovakia--Biology) (Biology--Czechoslovakia)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MAIEK, I.

New stages of reorganization of medical education. Cas. lek. cesk. 92
no. 19:503-510 8 May 1953. (CIML 24:5)

MALEK, Ivan, akademik

Sporulation of bacilli. Chekh biol 2 no.6:324-338 D '53.
(MEAL 3:7)

(BACTERIA,
*sporulation)

MALEK, Ivan, akademik

Extension of international bonds of Czechoslovak biology. Chekh
biol 2 no.6:321-323 D '53. (XERAL 3:7)
(BIOLOGY,
*in Czech., internat. cooperation)

MALEK, Ivan, akademik; VOSYKOVA, L., tekhnicheskiy sotrudnik;
VODIT, A., tekhnicheskiy sotrudnik.

Stability of bacteria cultured in a flowing medium. Chekh.biol.
2 no.2:68-77 Ap '53. (MIRA 7:2)

1. Institut biologii ChSAN, mikrobiologiya, Praha.
(Bacteria) (Bacteriology--Cultures and culture media)

MALEK, I., akademik.

For a closer relationship between theory and practical application
in biological sciences. Chekh.biol.2 no.2:65-67 Ap '53. (MLRA 7:2)
(Biology)

MALEK, I; VYSOKOVA, L., tekhnicheskij sotrudnik; VOL'F, A., tekhnicheskij
sotrudnik.

Fission of bacteria. Chekh.biol. 2 no.1:12-17 Ap '53. (MLRA 7:2)

1. Biologicheskiy institut ChSAN, mikrobiologiya, Praha.
(Bacteria)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, Ivan, skademik.

I.V.Stalin and biological sciences. Chekh.biol.2 no.1:6-9 Ap '53.
(MLRA 7:2)
(Biology)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, Ivan, Prof. Dr.

Czechoslovakian Academy of Science. Cas.lek.cesk. 91 no.44:124]-
1243 21 Oct 52.

(SOCIETIES,

Czech. Acad. of Science)

(SCIENCE,

Czech. Acad. of Science)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I.

Science - Czechoslovakia

Science in free Czechoslovakia. Tekh. molod 20 no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

MALEK, I., laureat gosudarstvennoy premii, direktor.

We are creating the Czechoslovak Academy of Sciences. Chekh. biol.
1 no.2:137-139 '52.
(MLRA 6:12)

1. Tsentral'nyy institut biologii v Prague.
(Czechoslovak Academy of Sciences)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I., laureat gosudarstvennoy premii, zaveduyushchiy.

For the fulfillment of the tasks of the First Ideological Conference in
Brno. Chehia fiziol. 1 no. 2:79-81 '52. (MLRA 6:12)

1. Tsentral'nyy Institut biologii, Praha.
(Brno--Physiology--Congresses) (Congresses--Physiology--Brno)

MALEK, I.

Cultivation of azotobacters in flowing media [with summary in German]. Chekh. biol. 1 no.1:39-41 '52. (MLRA 6:12)

1. Tsentral'nyy institut biologii, Praha.
(Bacteriology--Cultures and culture media)
(Azotobacter)

MALEK, I.

Cultivation of bacteria in "multi-story" flowing media [with
summary in German]. Chekh. biol. 1 no.1:35-38 '52. (MLRA 6:12)

1. Tsentral'nyy institut biologii, Praha.
(Bacteriology--Cultures and culture media)

MALEK, I., laureat gosudarstvennoy premii, direktor.

Basic research and our agrobiology. Chekh. biol. 1 no.1:6-12
'52.
(MLRA 6:12)

1. Tsentral'nyy institut biologii, Praha.
(Czecholovakia--Agricultural research) (Agricultural
research--Czechoslovakia)

MALEK, I., laureat gosudarstvennoy premii, direktor.

New objectives and new opportunities for our biological sciences.
Chekh. biol. 1 no.1:1-5 '52.
(MLR 6:12)

1. Tsentral'nyy institut biologii, Praha.
(Czechoslovakia--Biology) (Biology--Czechoslovakia)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I.

BLASKOVIC, D;HERCIK, F;MALEK, I.

Concept of Soviet biology. Bratisl. lek. listy 31 no. 9-10:805-
816 1951.
(CLML 22:2)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, IVAN

"Boj moderni vedy proti mikrobum. "2. doplnene vyd.) Praha, Osveta, 1951.
226 p. (Veda a život, sv. 1) (The fight of modern science against microbes.
Illus, subject index.)"

SO: East European, L. C. Vol. 2, No. 12, Dec. 1953

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I.

Michurinism and microbiology. Cas. lek. cesk. 89 no.41:
1131-1139 13 Oct. 1950 (CML 20:1)

MALEK, I.

Multiplication of *Escherichia coli* in constant-flow medium.
Biol. listy 31 no. 2:93-95 July 1950 (CIML 20:1)

MALEK, I.

STICH, Z., MALEK, A., PRZYCIKI, J., NAZUKOVA, J., WALLENFELS, V.,
ZOFKA, J., STRITESKY, J., MALEK, I.

Socialisation of medicine in Czechoslovakia. Zdravot, rev.
25:6, June 50, p. 155-6

CML 19, 5, Nov., 1950

FRAGNER P. AND MALEK I. Z ustavu pro lekarskou mikrobiologii a imunologii. Morfologicke zmeny u nasich penicillii Morphological changes in our strains of Penicillia Biologicke Listy, Prague (Czechoslovakia) 1947, 28/3 (119-126) Illus. 36

A continuation of the study published in Biologicke Listy 28 No. 1, 1947. Microscopical differences of the so-called S-R mutants are described, and certain morphological changes are indicated which might point to the existence of a developmental series. Several 'mutants' are described caused by immersion of conidia in ethanol, trypaflavin, acetic acid and hydrochloric acid. No serological differences between the mutants could be detected.

Traub-Brooklyn

SO: Medical Microbiology and Hygiene, Section IV, Vol. I, #1-6

Fragner P. and Malek I. Bakteriolog-serologicky ustav Karlovy University.
Bisociace u kmene antibiotickych penicillii? Possible dissociation in strains of antibiotic
penicillia Biologicke Listy, Prague (Czechoslovakia) 1947, 28/1 (9-18) Illus. 6

Starting with a culture of penicillium belonging to the group of *P. chrysogenum*,
and making subcultures of single spores, four main types of colonies were observed.
These mutants are likened to the mucoid to smooth to rough disociation of
bacteria.

Only Type (A 3) ('mucoid') and Type (I) ('smooth') produced characteristic
pigments and antibiotic substances. Type (II) and (III) yielded little or no anti-
biotic substances, and formed no pigments.

While Type (I) readily yielded Types (II) and (III) mutants, Type (III) only very
rarely gave rise to mutants of Type (I) or (II).

Higher concentrations of NaCl were without influence on production of mutants.
Methylene blue and phenolphthalein are selectively absorbed by the mycelium of
Type (III).

Addition of iron salts to the medium promotes and accelerates pigment production
by colonies of Type (I) only.

Similar dissociation was observed with the strain of *Penicillium notatum* Q 176,
which is used for deep-tank production of penicillin. Traub-Brooklyn

Se: Medical Microbiology and Hygiene, Section IV, Vol. I, #1-6

MALEK, I.

On the flexibility and elasticity of ~~hides~~. p. 387.

STANDARDIZAREA. (Oficiul di Stat pentru Standarde si Comittrul Electrotehnic Romin) Bucuresti, Rumania. Vol. II, no. 8, July 1959.

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2
Feb. 1960

Uncl.

Country : RUMANIA
 Category : Chemical Technology. Chemical Products (Part 4).
 Abs, Jour. : Ref Zhur-Khim, 1959, No 7, 25923 H
 Author : Malek, I. trial
 Institut. : - Proteins
 Title : On the Methods of Testing Leather Materials
 Orig. Pub. : Standardizarea, 1958, 10, No 4, 182-185
 Abstract : Methods were investigated for testing leather materials as follows: determination of the resistance to wear, to cracking and to breaking, stability of gluing for laminate materials, and coefficient of heat conductivity.-- G. Markus

Card: 1/1

H-165

MALEK, I.

Methods and devices for the measurement of skin surfaces. p. 256
METROLOGIA APPLICATA. (Directia Generala de Metrologie de pe linga
Consiliul de Ministri) Bucuresti, Rumania. Vol. 5, no. 6, Nov./Dec.
1958

Monthly list of East European Accessions (EEAI) LC Vol 8, No. 6, June 1959
Uncl.

HALEX, I.

Standards for dimensions of shoes and lasts.

p. 505 (STANDARDIZAREA) (Bucuresti, Romania) Vol. 2, no. 11, Nov. 1957

SO: Monthly Index of East European Accessions (EIA) LC Vol. 7, No. 5. 1959

MALEK, I.; RICICA, J.

Continuous cultivation of microorganisms. Folia microbiol.
(Praha) 9 no.5:321-344 S '64.

1. Department of Technical Microbiology, Institute of Microbiology,
Czechoslovak Academy of Sciences.

MALEK, I.

Science and the newly developing countries. Mir nauki no. 1:1-2
'63. (MIRA 16:6)
(Underdeveloped areas--Technical assistance)
(Science--International cooperation)

MALEK, Iosif, ing.

Importance of auxiliary means of production in shoe manufacture.
Industria uscara 12 no.1:35-37 Ja '65.

1. State Standard Office.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, I.

Professor Ferdinand Hercik, sexagenarian. Folia Biol. (Praha)
11 no. 2: 81-88 '65.

BASINSKI, Antoni; SZYMANSKI, Wojciech; MALEK, Gertruda

Isotopic exchange in the system $\text{Ag}_4[\text{Fe}(\text{CN})_6]$ (st) - Ag^+ .
Rocznik chemii 36 no. 7/8: 1147-1149 '62.

1. Department of Physical Chemistry, N. Copernicus University,
Torun.

MALEK, Edward

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Analytical Chemistry

(2) *The determination of aminoarsenobenzene compounds by the use of colloidal hydroxides.* Edward Malek (Inst. Leków, Warsaw). *Roszali Panasiewicz-Gajewska*, *Hig.* 1953, 193-207 (English summary).—Na 3,3'-diamino-4,4'-dihydroxyarsenobenzene - N - methylenesulfoxylate (Monovitan) (I) was made to react with the simple colloids of $\text{Cr}(\text{OH})_3$, $\text{Al}(\text{OH})_3$, and $\text{Th}(\text{OH})_3$. These colloids were obtained by the addn. of 5-6 ml. 0.5*N* NaOH to 10 ml. 5% aq. soln. of CrCl_3 , AlCl_3 , or ThCl_4 ; by the reactions of AlCl_3 on the same OH, and CrCl_3 and AlCl_3 on $\text{Th}(\text{OH})_3$. The $\text{Cr}(\text{OH})_3$ and $\text{Th}(\text{OH})_3$ solns. yielded $\text{R}_2\text{Cr}_2\text{Cr}(\text{OH})_4 \cdot x\text{H}_2\text{O}$ ($\text{R} =$ neocarphendamine). The sample was dissolved in 70 ml. O₂-free H₂O, 6 ml. of a satd. soln. of NaCl, and 20 ml. of Cr colloid soln., shaken, and filtered through a weighed Coouch crucible. The ppt. was washed with O₂-free H₂O, 0.5% EtOH, and Et₂O, dried to a const. wt. over P₂O₅ in an evacuated desiccator. From 0.0042 g. of I 0.3815 g. of Cr complex (bright green) was obtained. The ppt. was then dissolved in 5% NaOH to 100 ml. and 3 aliquots (25 ml.) were removed to det. As, S, and Cr. L. J. Piotrowski

CA

17

The decomposition of hydroxyphenyl arsine compounds.
Edward Malec (Państwowy Zakład Hig., Warsaw, Poland).
"Roczniki Państwowego Zakładu Hig." 2, 355-65 (1951) (English summary); cf. C.A. 46, (Roczniki Państwowego Zakładu Hig. 2, 177-84 (1951) (English summary)).—The Cr method [cf. Med. Doswidczania Mikrobiol. 1, 4-14 (1940); C.A. 44, 10260c] is adapted to a semimicro scale and the degrees of decompr. of the arsine compds. are detd. by condensing them with $\text{CH}_3\text{OHSO}_4\text{Na}$. Thus mapharseen and CH_3OH
 SO_3Na are condensed, and shaken with 15 ml. of Cr(OH)_3 (prepd. by adding 6 ml. of 0.5 N NaOH to 10 ml. of 5% CrO_3) and 10 ml. of satd. Na_2SO_4 . The soln. is filtered and As in the ppt. is detd. by standard methods. The results agree with those obtained by the o-aminophenol method. (Banks, C.I. 43, 9370g). The spontaneous decompr. of the active component in mapharseen (I) and in dichlorophenarsine (II), as followed with the Cr method, varies from 18-20% for I and 10-31% for II. — I. Z. Roberts

CA

17

Commercial arsenobenzenes. Edward Malec (P.Z.H., Warsaw, Poland). *Med. Doswiedzanie i Mikrobiol.*, 1, 233-64 (1940); cf. C.A. 44, 10302x. --Neomeinica (Roche, Switzerland) (I) and neocarphenaamine are fractionated with CrCl_3 ; and the ratio of As/S in each fraction is detd. Both preps. contain 3,3'-diamino-4,4'-dihydroxyarsenobenzene dimethylenesulfonate (II), the sulfonate groups are unsymmetrically substituted either on N only, or on N and OH. I contains also the monosulfonate deriv. (III). II decompd. to III on standing. An appreciable quantity of free 3-amino-4-hydroxyphenylarsenic oxide (IV) accounts for excessive toxicity of the prens. as it is 10 times as toxic as II. The presence of IV may be due to its incomplete removal during the manuf. or due to derompn. on standing or heating. The condensation of morpharsen, which contains mostly IV, with Na formalddehydesulfonyleate leads to a good yield of II. I. Z. R.

CA

17

New methods of analysis of neosphenamines. B. Malec. *Med. Dwiedzina Specjalna* 25, 264-94 (1947). Samples of Polish and German manuf. contained the compds. 3,4-[RNH(OH)C₆H₄As]₂ (I) (where one R is II and the other CH₃SO₃Na) 9.5-21%, 3,4-[NH(CH₃SO₃Na)(OH)C₆H₄As]₂ (II), 20-32%, and 3,4-[N(R' + OH)C₆H₄As]₂ (III) (where the R and R' attached to one N are II and attached to other N are CH₃SO₃Na) 24-32%, together with traces of their sulfonation products. The following analytical procedure is described: 0.3-g. portions of neosphenamine in 50 cc. of O-free water are shaken in a stoppered flask with 8-10 cc. of Cr(OH)₃ soln. (prepd. by adding 6 cc. of 0.5 N NaOH to 10 cc. of 5% an. CrCl₃) and 5 cc. of satd. aq. NaCl; the solns. are filtered in an atm. of N, and As and S are detd. in the residue by standard methods. The As:S ratio of this ppt. is approx. 1.2, showing that it contains chiefly II and III, with an admxt. of I. The filtrates and washings are made up to 300 cc. and kept at room temp. for 10 days with exclusion of O. The ppts. formed are collected and analyzed; their As:S ratio is about 2, which shows that these fractions contain only I. Finally, a ppt. of II and III, obtained from a sep. portion of neosphenamine, is kept at room temp. for 10 days with O-free water, the suspension is filtered, and the As:S ratio is detd. in the residue as before; it is now approx. 1.4. This change is ascribed to hydrolytic elimination of one R group from III, and the ppt. now consists of II and I. The I, II, and III contents of the neosphenamine are calcd. from the above data, on the assumption that the I content of the 2nd fraction of the ppts. is derived entirely from III.

B. A.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, E., inz.; PETR, P., inz.

Experience with the block assembling of steam boilers with an output of 125 tons per hour. Energetika Cz 6 no. 9:381-390 S '56.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

MALEK, M.

"Repairs to Power Machinery." p. 123, Praha, Vol. 3, no. 4, Apr. 1953.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

BARDODEJ, Zdenek; BARDODEJOVA, Eva; MALEK, Bohuslav

Value and application of exposure tests. XI. Exposure test for
styrene. Česk. hyg. 6 no. 9: 546-552 O '61.

1. Katedra hygieny prace lekarske fakulty hygienicke Karlovy
university, Praha Oddeleni hygieny prace hygienicko-epidemiologické
Ústavice UNV-Praha.

(AIR POLLUTION) (BENZENE rel cpds)

Malek, Bohuslav

Nationality: Czechoslovakia

Grade: Captain

Affiliation:

Data: Co-author of "The Hazard of Styrene (Journal of Hygiene), Vol V, No 7, 1963, pp. 507-511, Page 511.

Malek, Bohuslav
Affiliation: Member of the Board of Chairman of Hygienic work, comprised of the Medical and Hygienic Faculty of Karlov University, Prague.
Also affiliated with the Department of Hygiene of the hygienic and epidemiological station UNV hl. n. 17, Prague.

Data: Co-author of "The Hazard of Styrene in the Production of Glass Laminates," Source, Page 511.

Malek, Bohuslav
Affiliation: Member of the Board of Chairman of Hygienic Work, comprised of the Medical and Hygienic Faculty of Karlov University, Prague.
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Data: Co-author of "The Hazard of Styrene in the Production of Glass Laminates," Source, Page 511.

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Also affiliated with the Department of Hygiene of the hygienic and epidemiological station UNV hl. n. 17, Prague.
Data: Co-author of "The Hazard of Styrene in the Production of Glass Laminates," Source, Page 511.

But

STYBLOVA, Valja, doc. dr.; NAUS, Antonin, MUDr., CSc.; MALEK, Bohuslav.

Studies on stress and fatigability of the nervous system of
radio technicians and announcers. Prac. Lek. 17 no.2:
53-57 Mr'65.

1. Neurologicka klinika (prednosta: prof. dr. Z. Marek, CSc.),
oddeleni prevence chorob u povolani (vedouci: MUDr. A. Naus,
CSc.) lekarske fakulty hygienicke Karlovy University v Praze.
Odbor hygieny praceho MHS RP v Praze (vedouci: MUDr. A. Grunwald).
2. Styblova's office: Praha 10, Gudkovova 50).

DABROWSKI, Boleslaw; MALEK, Bernard, dr.

Isolation and chromatography separation of "crude" glycosfrangulin
from Rhamnus frangula L. bark. Acta Pol. pharm. 21 no. 3:281-286
'64

1. Z Laboratorium Doswiadczonego Poznanskich Zakladow Zielarskich
"Herbapol" (Kierownika dr. B. Malek).

MALEK, B.

Trichloroethylene. Prac. lek. 15 no.3:suppl:5-6 Ap '63.

(TRICHLOROETHYLENE) (AIR POLLUTION)
(POISONING)

CERNY, V.; MALEK, B.; NAUS, A.; ZAJIC, B.

Possible differences in dust caused by grinding defatted and unaltered soy beans. Prac. lek 14 no.7:339-341 S '62.

1. Katedra hygieny prace lekarske fakulty hygienicke University Karlowy v Praze, vedouci doc. dr. V. Benes Oddeleni prevence chorob z povolani lekarske fakulty hygienicke KU v Praze, vedouci MUDr. 'A. Naus Vyzkumne pracoviste n.p. Ceske cokoladovny v Praze Oddeleni hygieny prace HES UNZ NW hl. m. Prahy, vedouci MUDr. A. Grunvald.

(DUST) (SOY BEANS) (OCCUPATIONAL DISEASES)
(CONJUNCTIVITIES) (RESPIRATORY DISEASES) (OCCUPATIONAL DERMATITIS)
(LIPIDS)

KONCZAL, Wanda; MALEK, Bernard, dr

Quantitative determination of alkaloids in drugs and in preparations from the root of Chelidonium maius L. by use of perchloric acid in a nonaqueous medium. Inst przem ziel Biul 8 no.4:145-150 D '62.

1. Laboratorium Doswiadczone Poznanskich Zakladow Zielarskich
Herbapol, Poznan, Kierownik: dr. B. Malek.

POLAND/Chemical Technology. Chemical Products
and Their Applications. Medicinal Sub-
stances. Vitamins, Antibiotics.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20509

Author : Adamczewski, B., Malek, B.

Inst : -
Title : Influence of the Drying of Castor Plant
Seeds, Gathered in Clusters, on Their
quality.

Orig Pub : Acta polon. pharmac., 1956, 13, No 6, 477-
481

Abstract : An experiment in drying immature castor
plant seeds in a drier at 33-37° and un-
der natural conditions, showed the possi-
bility of obtaining from them a finished
technical product, the oil of which meets

Card : 1/2

MALEK, BERNARD

POLAND / Chemical Technology, Chemical Products and Their Application. Part 3 - Aromatic Substances, Volatile Oils, Perfumery and Cosmetics.

H-18

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12373.

Author : Bernard Malek.

Inst : Poznan Institute of Farming.

Title : Menthol Extraction from Peppermint Volatile Oil of Polish Brands.

Orig Pub : Biul. Panstw. inst. nauk. leczn. surow. rosl. Poznaniu, 1956, 2, No 4, 193 - 201.

Abstract : A method of menthol (I) separation is proposed. It consists in heating the volatile oil (O) containing 53.3% of I and about 30% of menthene with pulverized H_3BO_3 in a boiling water bath under the pressure of 30 mm. 1 mole of

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700010-6

• MALEK, B.

F. KACZMAREK, B. MALEK: Santonine extracted from indigenous *Artemisia sartoria* L.
SO: Acta Polonica Pharmaceutica (Pharmaceuticals), Third Quarter 1970.

KACZMAREK, F.: MALEK B.

Santonin from domestic Artemisia maritima. Acta Poloniae pharm.
12 no.3:173-177 '53.

1. Państwowy Instytut Maukowy Leczniczych Surowcow Roslinnych
w Poznaniu, Dyrektor: doc.dr B. Borkowski.
(ANTHELMINTICS, preparation of
santonin, from Artemisia maritima)
(PLANTS,
Artemisia maritima, prep. of santonin)

MALEK, Antonin

Second exhibition of automatic data processing machines
and symposium in London. Automatizace 5 no.1:26-27 Ja '62.

1. Statni vybor pro rozvoj techniky.

S/194/62/000/009/048/100
D256/D308

A circuit for ...

increase of the anode current and the transconductance of the tube,
thus resulting in an automatic stabilization of the filament vol-
tage. Abstracter's note: Complete translation. 7

Card 2/2

94110

41940

S/194/62/000/009/048/100
D256/D308

AUTHOR: Málek, Antonin

TITLE: A circuit for compensating filament voltage variations

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 9, 1962, 38, abstract 9-3-75 a (Czech. pat., cl.
21 a⁴, 35/14, no. 99232, April 15, 1961)

TEXT: The system presented was devised to compensate for the drop
of filament voltage following the discharge of dry batteries used
as a source of supply for the filament. The circuit employs a pen-
tode tube with an additional anode, so that the electrodes form
two systems (pentode and diode) with common cathode. The additional
anode is placed closer to the cathode than all the remaining elec-
trodes. The additional anode and the screen-grid of the pentode
are supplied via a common resistance, producing an automatic stabi-
lization of the transconductance of the tubes, so that the anode
current is kept at the required level: the voltage drop across the
common resistance in the circuit of the screen-grid, producing an

Card 1/2

CZECH/14-60-1-4/53

Portable Alpha, Beta, and Gamma Counter

some technical data of the instrument. The accuracy of measurements is $\pm 15\%$ in normal conditions; the lifetime of the batteries is 40 working hours; the weight of the instrument with accessories is 5.50 kg. There are 7 photographs, 2 circuit diagrams and 1 diagram.

✓

Card 3/3

CZECH/14-60-1-4/53

Portable Alpha, Beta and Gamma Counter

1200v. The detection of beta and gamma rays is carried out by a common high-voltage GM tube of 30/50B. The cathodes of the GM tubes are connected to the negative pole of the high-voltage source; the anodes are connected over the working resistance to the positive pole of the source (Fig 9). The amplifier's task is to amplify the pulses, which are only of 20-50 mV, to the necessary value of 2-5V. The indicator circuit transforms the current pulses in the anode circuit of the electron tube E₂ into D.C. The high-voltage source is composed of an electron tube functioning as a pulse generator. In the anode of the tube E₃ a transformer is connected, one of its windings being connected as feedback to the control grid. The obtained high-voltage is then stabilized by a corona stabilizer. For the stabilization of the anode voltage the stabilizer E₄ is used; it is a common stabilizer of the type 12TA 31. Two batteries type 921090 in serial connection form the source of anode voltage. Finally the author gives

Card 2/3



9 (2), 21 (4)

CZECH/14-60-1-4/53

AUTHOR: Málek, Antonín, Engineer

TITLE: Portable Alpha, Beta and Gamma Counter

PERIODICAL: Sdělovací technika, 1960, Nr 1, pp 4-6

ABSTRACT: Tesla liberec výzkumný závod Přemyšlení (Research Enterprise Přemyšlení) near Prague developed a new counter of alpha rays and low energy beta radiation to be used mainly in medicine for controlling the movements of radioactive substances. This instrument measures alpha radiation and low energy beta radiation from 80 kV onwards. Another advantage is that the measuring of alpha rays is not influenced by the presence of beta rays. The counter is shown in Figs 1, 2, 3, 4, 5 and 6. The author then describes the function of its various parts. The detector is a GM tube using the capacity of alpha, beta and gamma rays of ionizing the gases through which the radiation passes. For the detection of alpha radiation a special alpha tube of 30/50A is used; its working voltage lies between 1100 and ✓

Card 1/3

NALEK, A. ; KUREC, F. ; KURALEV, J.

Czechoslovak instruments for the measurement of radiation.

P. 84? (SIAEOPROUDY OBZOR) (Praha, Czechoslovakia) Vol. 13, no. 12, Dec. 1957

SO: Monthly Index of East European Accession (EEAI) IC Vol. 7, No. 5, 1958